

FIGURE 1: CTLA-4 VLD-SPECIFIC OLIGONUCLEOTIDES

[illegible]

[illegible]

Figure 1 (cont'd)

[illegible]

Figure 1 (cont'd)

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CTLA-4 codon-change	5599		CC	(56Q ID NO. 52 (cont))	
CTLA-4 codon-change	5597	66	CAGACCCCTGGATGGTCAGGGTTCACCTGGTTACCCGCTGGAGGTGGCCGGTGCAGATGGAAATCATCCAG	(56Q ID NO. 53)	
CTLA-4 codon-change	5606	57	CACCTTTGCAGATGTACAGAGCCGGTATCCATGGCACGCGAGACCCCTGGATGGTCAAGTT	(56Q ID NO. 54)	
CTLA-4 codon-change	5607	66	CAGGCCATGACCGCATTCGTAAATAGAGCATAGATGGTGGTATCCACTTTGCAGATGTACAGACC	(56Q ID NO. 55)	
CTLA-4 codon-change		69	CTGGGTACCGTTGGCCGATGGCCAGAAATCGTAGCCATAGCCACCGGGTGGACAGGCCATGACCGCATTCGTA	(56Q ID NO. 56)	
CTLA-4 codon-change		////	////////////////////	////////////////////	////////////////////
CTLA-4 codon-change		////	////////////////////	////////////////////	////////////////////

¹ All oligonucleotides are described 5' to 3'.

² N represents combination of the four nucleotides

Figure 1 (cont'd)

Figure 2: Polynucleotide sequence of complete cDNA encoding human CTLA-4 and polypeptide sequence of the VLD of human CTLA-4.

A. Polynucleotide Encoding Human CTLA-4 cDNA (See ID No. 57)

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ATGGCTTGCC TTGATTTC A GCGGACAG GCTCAGCTGA ACCTGGCTGC CAGGACCTGG CCTGCACATC TCCTGTTTTT... 80
TCTTCTCTTC ATCCCTGTCT TCTGCAAGC AATGCACGTG GCCCAGCCTG CTGTGTACT GGCACAGAC CGAGGCATCG... 160
CCAGCTTTGT GTGTAGTAT GCATCTCCAG GCAAAGCCAC TGAGTCCGG GTGACAGTGC TTGGGCAGGC TGACAGCCAG... 240
GTGACTGAAG TCTGTGGGG AACCTACATG ACGGGGAATG AGTTGACCTT CCTAGATGAT TCCATCTGCA CGGGCACCTC... 320
CAGTGGAAAT CAAGTGACC TCACTATCCA AGGACTGAGG GCCATGACA CGGACTCTA CATCTGCAAG GTGAGCTCA... 400
TGTAACCCACC GCCATCTAC CTGGGCATAG GCAACGGAAC CCAGATTTAT GTAATTGATC CAGAACCTG CCCAGATTCT... 480
GACTTCCTCC TCTGGATCCT TGCAGCAGTT AGTTGGGGGT TGTTTTTTA TAGCTTTCTC CTCACAGCTG TTTCTTTGAG... 560
CAAAATGCTA AAGAAAGAA GCCCTCTTAC AACAGGGGTC TATGTGAAA TGCCCCCAAC AGAGCCAGAA TGTGAALAGC... 640
AATTTCAGCC TTATTTTATT CCCATCAATT GA ... 672
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B. Polypeptide Sequence of Human CTLA-4 VLD (See ID No. 58)

1	10	20	30	40	50	60	70	80
AMHVAQPAV	LASSRGIAS	VCEYASPGK	TEVRVTVLRL	ADSOVTEVCA	ATVMGNELI	FLDSDICTGT	SSGNQNLTI	
90	100	110	115					
QGLRAMDTGL	YICKVELMYP	PPYLGIGNG	AQIIV					

Figure 4: Schematic representation of the somatostatin polypeptide. (566 ID No: 139)

